

INTERNATIONAL SEARCH REPORT

International Application No

PCT/DE2004/002374

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 H01L23/31 H01L23/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H01L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2002/056561 A1 (YAGUCHI AKIHIRO ET AL) 16 May 2002 (2002-05-16)	1,2,8,9, 14,15
Y	paragraphs '0055! - '0067!; figure 1	3
X	US 6 429 372 B1 (TAGUCHI HIDEO ET AL) 6 August 2002 (2002-08-06)	1,8,9, 11-15
	column 9, line 55 - column 13, line 27; figure 2	
A	US 2002/045294 A1 (BARRETT JOSEPH C ET AL) 18 April 2002 (2002-04-18)	1-15
	the whole document	
	-/--	

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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"&" document member of the same patent family

Date of the actual completion of the international search

7 July 2005

Date of mailing of the international search report

25/07/2005

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	-& PATENT ABSTRACTS OF JAPAN vol. 2003, no. 12, 5 December 2003 (2003-12-05) & JP 2003 258158 A (HITACHI LTD; HITACHI ULSI SYSTEMS CO LTD), 12 September 2003 (2003-09-12) abstract	1-15
Y	----- TW 554 501 A (SILICONWARE PRECISION INDUSTRIES CO., LTD) 21 September 2003 (2003-09-21) figure 3D	3
P,Y	-& US 2004/032014 A1 (LAI YU-TING ET AL) 19 February 2004 (2004-02-19) the whole document	3
Y	----- US 5 874 784 A (AOKI ET AL) 23 February 1999 (1999-02-23) figures 1,2,7 -----	3

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Information on patent family members

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